WHAT IS CLAIMED IS:

Sub A1

1. A method of providing an identifier for a file, said method comprising:

accessing said file;

deriving a frequency representation of said file;

providing a file name for said file;

providing said file name in a directory;

associating said frequency representation of said file with said file name so that said frequency representation is accessible via said directory.

2. The method as described in claim 1 wherein said frequency representation comprises a Fast Fourier Transform.

3. The method as described in claim 1 and further comprising:

configuring an address listing with an identifier for said frequency representation.

4. A method of searching for a file, said method comprising:

obtaining a first frequency representation of a desired file;

accessing a first unknown file;

obtaining a second frequency representation of said unknown file;

comparing said first frequency representation with said second frequency representation; and

determining from said comparing whether said unknown file is said desired file.

5. The method as described in claim 4 wherein said obtaining said first frequency representation of said desired file comprises:

performing a Fast Fourier Transform algorithm.

Sub A1

6. The method as described in claim 4 wherein said obtaining said first frequency representation comprises performing a Discrete Fourier Transform.

7. The method as described in claim 4 wherein said comparing said first frequency representation with said second frequency representation comprises:

comparing a range of frequencies of said first and second frequency representations.

8. The method as described in claim 4 and further comprising:

decoding said unknown file.

9. A method of determining redundancies in a content object directory, said method comprising:

accessing a plurality of files stored on a memory, wherein each of said files is configured so as to be identified by a fingerprint;

for each of said files, determining said fingerprint;

establishing a redundancy standard so as to indicate whether any two of said fingerprints of said files are redundant of one another;

comparing said fingerprints determined for each of said files;

determining redundant files based upon said comparing said fingerprints and said redundancy standard.

10. The method as described in claim 9 and further comprising:

deleting at least one redundant file from said memory.

11. The method as described in claim 9 and further comprising:

utilizing a Fast Fourier Transform algorithm to compute said fingerprint.

12. The method as described in claim 9 and further comprising:

utilizing a watermark as said fingerprint.

13. The method as described in claim 9 and further comprising:

utilizing cyclical redundancy check data as said fingerprint.

14. The method as described in claim 9 wherein said accessing a plurality of files comprises:

accessing a plurality of files comprising video data.

15. The method as described in claim 9 wherein said accessing a plurality of files comprises:

accessing a plurality of files comprising audio data.

16. The method as described in claim 9 wherein said establishing a redundancy standard comprises:

determining a range of frequencies in a pattern of frequencies from a Fast Fourier Transform for comparison of said fingerprints.

17. The method as described in claim 9 and further comprising:

appending a fingerprint as metadata to at least one directory listing.

18. The method as described in claim 9 and further comprising:

cataloging in a database said fingerprint with the file from which said fingerprint was generated.